

IN THE CLAIMS:

The following is a complete listing of the claims in this application, reflects all changes currently being made to the claims, and replaces all earlier versions and all earlier listings of the claims:

Claim 1 (Currently Amended): A communication system comprising:

a controller;

a destination node; and

a source node ~~adapted to transfer object data to the destination node~~

~~asynchronously using a communication protocol selected by the controller and a logical connection set by the controller,~~

wherein said source node is adapted to transfer object data to said destination node asynchronously using the first or the second communication protocol selected by said controller, and

wherein ~~the~~ said controller is adapted to obtain information about a communication capability of ~~the~~ said source node from a first register of ~~the~~ said source node, to obtain information about a communication capability of ~~the~~ said destination node from a first register of ~~the~~ said destination node, to select a first or a second communication protocol using the information obtained from the ~~source node and the destination node;~~ first registers to set a logical connection between ~~the~~ said source node and ~~the~~ said destination node, to store information ~~about~~ indicating the selected communication protocol ~~selected by the controller~~ and information ~~about~~ for the logical connection set by ~~the controller~~ selected communication protocol in a second register of ~~the~~ said source node,

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and to store information ~~about~~ indicating the selected communication protocol selected by the controller and information ~~about~~ for the logical connection set by the controller selected communication protocol in a second register of ~~the~~ said destination node.

Claims 2 and 3 (Cancelled)

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Claim 4 (Currently Amended): A communication system according to Claim 1, wherein the ~~controller~~ first communication protocol is ~~adapted to select a~~ communication protocol using that uses a broadcast transaction or another communication protocol.

Claims 5 and 6 (Cancelled)

B3

Claim 7 (Currently Amended): A communication system according to Claim 1, wherein the ~~controller~~ second communication protocol is ~~adapted to select a~~ communication protocol using that does not use a write transaction or another broadcast communication protocol.

Claims 8-16 (Cancelled)

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Claim 17 (Currently Amended): A communication system according to Claim 1, wherein ~~a communication line of the communication system is~~ said controller, said source node and said destination node can communicate with each other using a

communication unit connectable to a serial bus.

Claim 18 (Currently Amended): A communication system according to

Claim 1, wherein ~~the communication system conforms to a~~ said controller, said source node and said destination node can communicate with each other using a communication unit conforming to an IEEE 1394-1995 standard.

Claim 19 (Previously Amended): A communication system according to

Claim 1, wherein the object data includes image data.

Claim 20 (Currently Amended): A communication method ~~to be used in for~~

a communication system that includes ~~at least~~ a controller, a destination node, and a source node ~~adapted to transfer object data to the destination node asynchronously using a communication protocol selected by the controller and a logical connection set by the controller,~~ the method comprising the steps of:

obtaining information about a communication capability of the source node from a first register of the source node;

obtaining information about a communication capability of the destination node from a first register of the destination node;

selecting of a first or a second communication protocol using the information obtained from the ~~source node and the destination node~~ first registers;

setting a logical connection between the source node and the destination node;

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storing information ~~about~~ indicating the selected communication protocol
and information ~~about~~ for the ~~logical connection set by the controller~~ selected
communication protocol in a second register of the source node; and
storing information ~~about~~ indicating the selected communication protocol
~~selected by the controller~~ and information ~~about~~ for the ~~logical connection set by the~~
~~controller~~ selected communication protocol in a second register of the destination node,
and
transferring, of object data from the source node to the destination node
asynchronously using the selected communication protocol.

Claims 21-26 (Cancelled)

Claim 27 (Currently Amended): A communication method according to

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Claim 20, wherein the ~~controller~~ first communication protocol is ~~adapted to select~~ a
communication protocol using that uses a broadcast ~~transaction or another~~ communication
protocol.

Claim 28 (Currently Amended): A communication method according to
Claim 20, wherein the ~~controller~~ second communication protocol is ~~adapted to select~~ a
communication protocol using that does not use a ~~write transaction or another~~ broadcast
communication protocol.

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Claim 29 (Currently Amended): A communication method according to

Claim 20, wherein ~~a communication line of the communication system is~~ the controller, the source node and the destination node can communication with each other using a communication unit connectable to a serial bus.

Claim 30 (Currently Amended): A communication method according to

Claim 20, wherein the ~~communication system conforms to a~~ controller, the source node and the destination node can communicate with each other using a communication unit conforming to an IEEE 1394-1995 standard.

Claim 31 (Previously Added): A communication method according to

Claim 20, wherein the object data includes image data.